



# *Content Catalog*

*Education Services*

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## Revision History

Publication Date	Summary
June 2020	Initial version
July 2020	Updated to include the new Associate EDI for X12 Course
August 2020	Updated to include API Design and API Management course separation
October 2020	Updated Flow Essentials and included DCP Data Curation Roles
November 2020	Updated to include the Associate Administration course
January 2021	Updated to reflect Dec 2020 Quarterly updates
February 2021	Updated for API Management Rise release timing change
May 2021	Updated for Flow Byte and DCP Data Consumer Roles
June 2021	Updated for Integration and API Byte
July 2021	Updated for Flow and Boomi Integration Working Together Byte



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# Boomi Essentials

## Description

Foundational training in our Shapes, UI, and information critical to understanding the power of Boomi Integration.

## Topics

- Integration Walkthrough
- Introduction to Boomi Integration
- Disk and FTP Connectors
- Introduction to shapes: Map, Branch, Set Properties
- Connect to regional Production and Test Clouds
- Process Reporting
- Packaging and Deploying Processes
- Process Deactivation
- Help options

Delivery Method	Duration
eLearning	2.5 hrs

## Required/Recommended Prerequisites

- None

## Certifications/Badges

- None

Click [here](#) to access the Boomi Essentials course.

## Integration: Associate Integration Developer

### Description

Training in SaaS integration, the development life cycle, document flow, document/process properties, and basic administration tools.

### Topics

- Configuring connectors
- Working with test mode
- Configuring maps
- Updating the query operation
- Configuring the decision shape
- Salesforce connector
- Configure a mail connector
- Updating the database with a program command shape
- Administration Training for Developers
- Development life cycle
- Properties
- Document flow

Delivery Method	Duration
Instructor-Led Live In-Person or Virtual	12 hrs
eLearning	10 hrs

### Required Prerequisites

- Boomi Essentials

### Certifications/Badges

- Associate Integration Developer Certification

Click [here](#) to access the Associate Integration Developer Course

# Integration: Professional Integration Developer

## Description

Training in web services, advanced feature/functionality and logic, document caching, and error handling. Includes event-based integration, recommended practices/techniques, and common integration scenarios.

## Topics

- **Extensions.** Define certain configuration settings within your process, such as connection information, to be specified at a deployed time instead of build time.
- **REST.** Create a POST request for a generic RESTful web application using Boomi's HTTP Client Connector to send data in the request body.
- **SOAP.** Integrate with a web-based or on-premise application which exposes a SOAP web services interface.
- **Process Call.** Execute another process (sub-process/child) within a process (main process/parent).
- **Business Rules.** Implement advanced logic by using business rules to determine if a document should be accepted or rejected.
- **Document Caching.** Temporarily hold and index frequently used documents in the Atom while you perform multiple integrations between documents within an integration process.
- **Try/Catch.** Capture processor document level errors for documents that fail during execution.
- **Error Handling.** Learn about error handling tools and techniques in Boomi.
- **Web Services.** Learn how Boomi processes can listen for requests from clients in real-time through an embedded web server.

Delivery Method	Duration
Live Instructor-Led in Person and Virtual	6 hrs
eLearning	4 hrs

## Required Prerequisites

- Boomi Essentials
- Associate Integration Developer Course and Certification

## Certifications/Badges

- Professional Integration Developer Certification

Click [here](#) to access the Professional Integration Developer Course.



## Integration: Associate Administration

### Description

Training in User Management, Licensing, Packaging, Deploying and Scheduling processes, Dashboards, Log files, Alerts, Environment Extensions, and Document Tracking.

### Topics

- **Runtime Options and Environments.** Learn about the different runtime options and environments.
- **User Management.** Add, modify and remove a user as well as creating custom roles, environment roles, and folder permissions.
- **Password Policy Rules.** Understand the Boomi password policy and how to override it.
- **License Management.** Understand the different Boomi Editions, the default licenses, and how to increase your license count. Understand the difference between test and standard licenses.
- **Copy, Package, and Deploy.** Copy a process to explore Packaged Components and Deployment options.
- **Schedule.** Schedule a process and explore the retry and advanced options.
- **Process Reporting.** Examine the multiple methods to run a process and drill the output.
- **Process Deactivation.** Learn to stop a process, remove a deployment to regain licenses.
- **Dashboards.** Explore Boomi's Account, HTTP, and Real-time dashboards.
- **Email Alert Management.** Understand how to create email alerts for an account and the notifications created from the exception and notify shapes.
- **Extensions.** Learn how to define certain configuration settings within your process, such as connection information, to be specified at a deployed time instead of build time.
- **Document Tracking.** Understand the steps needed to add document tracking to your process.

Delivery Method	Duration
eLearning	8 hrs

### Required Prerequisites

- Boomi Essentials

### Certifications/Badges

- Associate Administration Certification

Click [here](#) to access the Associated Administration course.

## Integration: Administrator 2 - Linux

### Description

Explore: Local Deployment and administration of Linux Atoms.

### Topics

- Boomi Runtime Options
- Local Atom Runtime Installation
- Directories and File Logs
- Start, Stop and Restart Atom
- Release Control
- Purging
- Manage Local Runtimes
- Shared Web Server
- Single Sign-On (SSO)

Delivery Method	Duration
eLearning	10 hrs

### Required Prerequisites

- Boomi Essentials
- Associate Administration Course and Certification

### Certifications/Badges

- Professional Operations Administrator Certification for Linux

Click [here](#) to access the Administrator 2 – Linux course.

## Integration: Administrator 2 - Windows

### Description

Explore: Local Deployment and administration of Windows Atoms and Molecules.

### Topics

- Boomi Runtime Options
- Local Atom Runtime Installation
- Directories and Log Files
- Start, Stop and Restart Atom
- Purging
- Release Control
- Manage Local Runtimes
- Shared Web Server
- Single Sign-On (SSO)

Delivery Method	Duration
eLearning	10 hrs

### Required Prerequisites

- Boomi Essentials
- Associate Administration Course and Certification

### Certifications/Badges

- Professional Operations Administrator Certification for Windows

Click [here](#) to access the Administrator 2 – Windows course.

# Integration: Administrator - Distributed Account Management

## Description

Explore: Account Hierarchy and groups, how to create sub-accounts via the Partner Provisioning Portal and the Partner API. Learn about Advanced Security Settings, how to Publish to the Process Library, and create Integration Packs.

## Topics

- Account Hierarchy
- Sub-Account Provisioning
  - Partner Provisioning Portal
  - Partner API
- Account Groups
- Advance Security
- Process Library Integration Packs

Delivery Method	Duration
Instructor-Led Live In-Person and Virtual	8 hrs
eLearning	10 hrs

## Recommended/Required Prerequisites

- Boomi Essentials (required)
- Associate Administration

## Certifications/Badges

- Integration Administration Distributed Account Management Associate Certification

Click [here](#) to access the Administrator- Distributed Account Management course.

## Integration: Provisioning Portal (PRM) Training

### Description

PRM is Boomi's Provisioning Portal used by OEM, Managed Services, and Select or Elite-level Resellers. It is Boomi's instance of Salesforce where partners go to enter their prospects' opportunities and provision their Atmosphere accounts. Each video is a step in the provisioning process. For questions reach out to [Boomi.Partner.Provisioning@Dell.com](mailto:Boomi.Partner.Provisioning@Dell.com).

### Topics

- **Overview and Access**
- **Step1: Provisioning a Trial Account.** Enter your prospect's opportunity and provision your customer's trial subaccount for testing/demo/POC purposes
- **Step 2: Activating a Customer.** Close your prospect's opportunity to activate the customer's Atmosphere account and trigger their invoice
- **Creating an Incremental Opportunity.** Add connectors/features to an active customer's Atmosphere account. NOTE: If you're trying to edit the products on an account that is still in trial status, refer to the 'Provisioning a Trial Account' video.
- **Cancelations and Renewals**

Delivery Method	Duration
eLearning	.5 hrs

### Audience

- *This course is available to Partners only*

### Recommended/Required Prerequisites

- None

### Certifications/Badges

- None

Click [here](#) to access the Provisioning Portal (PRM) Training course.

# Integration: Architect 1

## Description

Training in Boomi basics, atom installation and management, error handling, runtime installation and configuration.

## Topics

- **Architecture Overview.** Understand various document flow and error handling techniques. Learn the basics of document flow, original document ID, Flow Control, versioning, and error handling.
- **Alerts and Event Framework.** Learn about the Event Framework and how to access the AtomSphere API. Explore the importance of alerts and how to use the Event Framework to create and retrieve alerts.
- **Runtime Architecture.** Understand runtime configurations. Learn about the various runtime options and consider benefits and use-cases for each runtime.
- **Runtime Installation.** Learn how to install a local Atom on your machine. Review requirements for installation and best practices for installation.
- **Runtime Configuration.** Learn to configure a local runtime and become familiar with runtime options and settings. Configure memory allocation and purging configurations. Learn to install, start, stop, and restart Atoms. Learn basic Atom monitoring techniques.

Delivery Method	Duration
eLearning	10 hrs

## Required Prerequisites

- Boomi Essentials

## Certifications/Badges

- None

Click [here](#) to access the Architect 1 course.

## Integration: Architect 2

### Description

Training in life cycle management, testing strategies and a review of available runtimes including unique runtime characteristics.

### Topics

- **Life Cycle Management.** Learn to manage the entire lifecycle of process. Learn how to use environments, extensions, process promotions, and process comparisons.
- **Understanding Runtime Mechanics.** Review available runtimes and consider cloud vs local setups. Learn about different runtime configurations and the benefits of threaded and forked executions.
- **Testing Strategies.** Learn testing strategies and principles including review of Test Mode, usage of source data, and real-time vs batch testing.
- **AtomSphere Security.** Learn about platform and runtime security including user roles, AtomSphere permissions, folder permissions, and user administration.

Delivery Method	Duration
eLearning	8 hrs

### Required Prerequisites

- Boomi Essentials
- Architect 1

### Certifications/Badges

- None

Click [here](#) to access the Architect 2 course.

## Integration: Architect 3

### Description

Training in AtomSphere, operational management, web service integrations, and leveraging the AtomSphere API.

### Topics

- **AtomSphere for Architects.** Learn about AtomSphere capabilities and deployment options.
- **Operational Management.** Learn about monitoring Atoms and processes, release cycles, and the Boomi Dashboard.
- **Leveraging the API.** Learn about the AtomSphere API, use cases, and administration, in addition to recommended practices and automatic process promotion.
- **Integration Patterns.** Learn about multiple web service integration patterns including synchronous, asynchronous, queues, and parallel processing.

Delivery Method	Duration
eLearning	10 hrs

### Required Prerequisites

- Boomi Essentials
- Architect 1
- Architect 2

### Certifications/Badges

- Professional Architect Certification

Click [here](#) to access the Architect 3 course.



## APIM: API Design

### Description

This course provides the knowledge and tools necessary to effectively design APIs in AtomSphere.

### Topics

- Overview
- Exposing a Web Service
- Creating a REST API by Importing a Boomi Process
- Creating a REST API Using an External Service File
- OData and APIs
- SOAP in Boomi
- Deployed APIs
- Troubleshooting
- Recommended Practices

Delivery Method	Duration
Instructor Led Live In Person or Virtual	6 hrs
eLearning	4 hrs

### Recommended/Required Prerequisites

- Boomi Essentials (required)
- Associate Developer
- Professional Developer

### Certifications/Badges

- API Design Certification

Click [here](#) to access the API Design course.

## APIM: API Management

### Description

This course provides the knowledge and tools necessary to effectively manage APIs in AtomSphere.

### Topics

- Overview
- API Service Component
- API Proxy Component
- Atoms, Environments and Gateways
- Authentication
- Plans, Applications and Subscriptions
- The Developer Portal
- Troubleshooting
- Recommended Practices

Delivery Method	Duration
Instructor Led Live In Person or Virtual	6 hrs
eLearning	3.5 hrs

### Recommended/Required Prerequisites

- Boomi Essentials (required)
- Associate Developer
- Professional Developer

### Certifications/Badges

- API Management Certification

Click [here](#) to access the API Management course.

# Associate Flow Essentials

## Description

A foundational course for getting started with Boomi Flow. Users will be introduced to Boomi Flow terminology, given the opportunity to explore the Boomi Flow UI, and continue to develop the skills needed to leverage Boomi Flow for Application Development and Business Process Management. This training provides practical application experience using Boomi Flow to create a Boomi Flow – Employee App and send notifications to users through e-mail with Boomi Flow.

## Topics

- Signing up for a Boomi Flow account
- Boomi Flow Overview
- Getting Started with Boomi Flow
- Boomi Flow Home Tab
- Getting to know the Boomi Flow Canvas
- Boomi Flow – Employee App

Delivery Method	Duration
eLearning	3 hrs

## Recommended/Required Prerequisites

- None

## Certifications/Badges

- Associate Flow Certification

Click [here](#) to access the Associate Flow Essentials Course.

# Professional Flow Developer

## Description

This course will enable learners to expand on their knowledge gained in the Flow Essentials course. It walks learners through more advanced concepts including complex data storage, implementing services, integration with the Boomi platform, debugging flows, parallel flows, access control, customizing players and more.

## Topics

- Introduction
- Using Complex Data Types
- Flow Debugger
- Page Layout
- Conditions
- Services
- Parent-Child Flows
- Authentication
- Flow API
- Boomi Integration Interop
- Players
- Macros and Custom Components

Delivery Method	Duration
Instructor Led In Person or Virtual	16 hrs
eLearning	10 hrs

## Required Prerequisites

- Boomi Flow Essentials
- Associate Flow Certification

## Certifications/Badges

- Professional Flow Certification

Click [here](#) to access the Professional Flow Developer course.

# EDI: B2B/EDI Fundamentals

## Description

This course will introduce you to the basics of EDI. Using an 850, Purchase Order, you will create a process with a trading partner. You will apply document tracking to the process and then deploy and examine in the Manage Reports section.

## Topics

- Getting Started with EDI Basics
- Trading Partners
- Vans
- EDI Business Models
- EDI and Boomi

Delivery Method	Duration
eLearning	1 hr

## Recommended/Required Prerequisites

- None

## Certifications/Badges

- None

Click [here](#) to access the B2B/EDI Fundamentals course.

# EDI: Associate EDI for X12

## Description

This course will introduce you to the basics of EDI. Using an 850, Purchase Order, you will create a process with a trading partner. You will apply document tracking to the process and then deploy and examine in the Manage Reports section.

## Topics

- EDI Profiles and Mapping
- Trading Partners
- Package, Deploy and Manage EDI Processes
- Document Tracking

Delivery Method	Duration
Instructor Led In Person and Virtual	6 hrs
eLearning	3 hrs

## Recommended/Required Prerequisites

- Boomi Essentials (required)
- EDI Fundamentals

## Certifications/Badges

- Associate EDI for X12 Certification

Click [here](#) to access the Associate EDI X12 course.

# Master Data Hub: Associate Master Data Hub

## Description

This course covers the foundational knowledge needed to identify the importance of a Master Data Management system and create a Master Data Hub solution for data management. It reviews how to set up a basic Master Data Hub solution in order to synchronize and enrich trusted data across all systems within your organization.

## Topics Covered

- **Master Data and Getting Started with Master Data Hub (MDH/Hub).** Learn about the concept of master data, importance of data quality, and how MDH solves for integration complexity issues.
- **Defining your Model.** Learn how to rapidly model master data entities.
- **Deploying your Model to a Repository.** Learn how to add models to the MDH Repository and identify and configure the sources that will interact with them.
- **Synchronizing your Data.** Learn how MDH synchronization with Integration works.
- **Stewardship.** Learn the role of the Data Steward and the reporting and stewardship functions that enable you to filter.

Delivery Method	Duration
eLearning	3 hrs

## Required Prerequisites

- Boomi Essentials

## Certifications/Badges

- Associate Master Data Hub

Click [here](#) to access the Associate Master Data Hub course.

# Data Catalog and Preparation: Intro to Boomi Data Catalog and Preparation

## Description

This course covers Boomi Data Catalog and Preparation’s market as well as its offerings, Catalog & Discovery and Data Prep. It also details UI navigation and the product’s security features.

## Topics

- Product Overview
- Catalog and Discovery
- Data Prep
- Personas, Security and General Navigation

Delivery Method	Duration
eLearning	3 hrs

## Recommended/Required Prerequisites

- None

## Certifications/Badges

- Foundations Assessment and Badge

Click [here](#) to access the Introduction to Boomi Data Catalog and Preparation.



# Data Catalog and Preparation: Boomi Data Catalog and Prep Administrator

## Description

This training covers the tasks associated with being a Data Catalog and Preparation application administrator.

## Topics

- Navigation
- Settings
- Integration
- Connectivity
- Administrating Access
- Data Types
- Troubleshooting

Delivery Method	Duration
eLearning	1.5 hrs

## Recommended Prerequisites

- Intro to Boomi Data Catalog and Preparation (strongly recommended)

## Certifications/Badges

- Data Catalog and Preparation Administrator Explorer
- Data Catalog and Preparation Administrator Foundations Assessment

Click [here](#) to access the Data Catalog and Preparation Administrator course.

# Data Catalog and Preparation: DCP Data Consumer Roles

## Description

This course covers the general platform knowledge that data consumers need and an in-depth look at processes data consumers complete.

## Topics

- Search and Discovery
- Data Set Explorer
- Data Preparation
- Collaboration

Delivery Method	Duration
eLearning	1.5 hours

## Recommended Prerequisites

- Intro to Boomi Data Catalog and Preparation (strongly recommended)

## Certifications/Badges

- DCP Data Consumer Roles Explorer
- DCP Data Consumer Roles Assessment Foundations

Click [here](#) to access the DCP Data Consumer Roles course.

# Data Catalog and Preparation: DCP Data Curation Roles

## Description

This course covers the general platform knowledge that data curators need before learning curation specifics and an in-depth look the data curation process.

## Topics

- Navigation Review
- Connections
- Data Types
- PII Masking
- Access
- Data Curation Process
- Data Dictionary
- Business Glossary

Delivery Method	Duration
eLearning	1.5 - 2hrs (Time range is given because learners have the option to skip content covered in Intro to DCP and DCP Admin.)

## Recommended Prerequisites

- Intro to Boomi Data Catalog and Preparation and Boomi Data Catalog and Preparation Administrator (strongly recommended)

## Certifications/Badges

- DCP Data Curation Roles Explorer
- DCP Data Curation Roles Assessment Foundations

Click [here](#) to access the DCP Data Curation Roles course.

# Flow Bytes: Working with Complex Data

## Description

This Byte explains how Types, Values, Objects and Lists work and the relationships between each.

## Topics

- Defining and using Object Values
- Defining and using List Values
- Primitive Values vs. Complex Values
- Define Objects, Types and Properties
- Use the Operator Element to add an Object Value to a List Value, Identify how to display list results in a flow

Delivery Method	Duration
eLearning	10 minutes plus time for Hands on Activities

## Recommended Prerequisites

N/A

## Certifications/Badges

N/A

Click [here](#) to access the Working with Complex Data Flow Byte.

# Flow Bytes: Flow and Boomi Integration Working Together

## Description

This Byte explains how to use Flow with external services and learn about how Flow and Boomi Integration work together, including a review of the core components used. This is the first part of a series.

## Topics

- Identify how to use Flow with external services
- Explain when to use Boomi Integration with a Flow Service
- Explain the function of the Flow Services Server component

Delivery Method	Duration
eLearning	15 minutes plus time for Hands on Activities

## Recommended Prerequisites

Associate Flow Essentials

Integration Essentials

## Certifications/Badges

N/A

Click [here](#) to access the Flow and Boomi Integration Working Together Byte.

# API Bytes-API Byte -JWT Auth using Microsoft Azure as IdP

## Description

This byte covers using Microsoft Azure as an IdP.

## Topics

- Register Applications in Microsoft Azure.
- Configure Microsoft Azure as an IdP and use it to authenticate an API connection.
- Configure the authentication source in Boomi.
- Test the connection by making an API call.

Delivery Method	Duration
eLearning	15-20 minutes

## Recommended Prerequisites

Boomi API Management

## Certifications/Badges

N/A

Click [here](#) to access the JWT Auth using Microsoft Azure as IdP byte.

# Integration Bytes: Database V2 Connector

## Description

This Byte explains the differences between the Legacy and the Database V2 connector.

## Topics

- Benefits of Database V2 Connector
- Differences between the Legacy and Database V2 Connector
- Database V2 Connection
- Database V2 Operation
- Database V2 Demonstration

Delivery Method	Duration
eLearning	15 minutes

## Recommended Prerequisites

N/A

## Certifications/Badges

N/A

Click [here](#) to access the Database V2 Connection.